New Eurographics Fellows

During EUROGRAPHICS '99, the Fellows of the Association made a proposal to the Executive Committee that three new fellows be elected. The proposal was accepted and the names of the new Fellows were announced to the General Assembly later in the week. The three are Ken Brodlie (UK), Sabine Coquillart (France) and Frits Post (Netherlands). The contributions which each has made to computer graphics and to EUROGRAPHICS are outlined below together with the reasons for their nomination. Congratulations to them all!

Ken Brodlie

Ken Brodlie started his career as a mathmatician and numerical analyst, gaining his PhD in numerical analysis from the University of Dundee. From there he joined the Computer Centre at the University of Leicester. He developed new interests in computer graphics, whilst retaining interests in numerical analysis (though now directed towards curve drawing). He was a leading figure in graphics standardization activities in the late 1970s, being heavily involved in the development of GKS and subsequently rapporteur for the GKS Revision project which culminated in the publication of GKS-94 as an ISO/IEC standard.

Ken has been a Senior Lecturer in the School of Computer Studies at the University of Leeds since 1987. His research activities since then have been in scientific visualization, and aspects of numerical analysis relevant to this. He is one of the leaders in the field of collaborative visualization, having developed tools under the IRIS Explorer system to support both synchronous and asynchronous collaboration, including web-based collaboration.

Ken also has a long history of collaborative working with NAG Ltd (Numerical Algorithms Group Ltd, a not-for-profit organisation which is a leading supplier of numerical algorithms and now owns the IRS Explorer system). Ken led the development of the NAG graphics library in the late 70s/early 80s, a library which is still sold today. This library provided convenient interfaces to visualise the output from numerical routines. Ken's group at Leeds run the IRIS Explorer Centre of Excellence, a key resource in maintaining the competitiveness of IRIS Explorer. His work is published in the IEEE Visualization conference and other world class journals and conferences. Ken does much to promote graphics and visualization in the UK, being chairman of the Visualization and Virtual Environments Community Club, funded by the Engineering and Physical Sciences Research Council.

Within Eurographics, Ken has been a member since the earliest days. He was instrumental in setting up the UK Chapter, the Association's first national chapter, and was its first chairman. His contributions to the Chapter are recognized through the Ken Brodlie Prize, awarded for the best paper at the UK Chapter's annual conference. Typically this is awarded to a young researcher.

Ken was proposed for Fellowship of the Association in recognition of:

1. the personal contribution Ken has made to the development of computer graphics in Europe, through ISO standardization work, through his more recent work in collabortive visualization and through his long-standing collaboration with NAG Ltd;
2. the contribution Ken has made to Eurographics through his chairmanship of the UK Chapter in its formative stages and his involvement in workshop and conference organisation since then;
3. his enthusiasm for the subject which transmitted through his lecturing and teaching has encouraged so many in the UK to take up visualization as a career;
4. his support and encouragement in the background for so many of us in the Association.

Sabine Coquillart

Within Eurographics, Sabine has been member of the Executive Committee for over 10 years. In the

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early 90s, as a member of the Workshop and Working Group Board, her help and serious work on the board was noted and appreciated. When the Chairman of the Board moved on to other areas, Sabine took over the Chairmanship of the Board, which she led until 1995. The workshop programme took a significant boost in those years and has become one of the highly regarded activities of Eurographics; her contribution in this development was significant. She initiated the organization of the Eurographics '96 conference in Poiter, she was the co-chair of this very successful conference. She also succeeded in attracting a large French audience to the conference and she is still the Association's main contact person in France. Finally, she has become chief editor of *Computer Graphics Forum* when the term of Phil Willis expired.

Sabine was proposed for Fellowship of the Association in recognition of:

1. her significant role in the development of the highly visible workshop programme of Eurographics as past chair of the Workshop and the Working Group board;
2. her chairmainship of Eurographics 1996 conference;
3. her chief editorship of *Computer Graphics Forum*;
4. her support in advocating Eurographics role in France.

Frits Post

Frits Post has been a member of the Association since 1982. He holds a faculty position at the Technical University of Delft. Frits has become extremely well-known internationally in the field of scientific visualization. He has been a member or chairman of the International Programme Committees of several Eurographics conferences and workshops, and of the Gunter Enderle Award Committee. Other EUROGRAPHICS activities include the Working Group and Workshops Board and the Working Group on Visualization in Scientific Computing. Outside EUROGRAPHICS, he is a member of the Executive Committee of the IEEE Computer Society Technical Committee on Computer Graphics, and has been involved with several IEEE Visualization conferences. He is an editorial board member of *Computer Graphics Forum* and *IEEE Transactions on Visualization and Computer Graphics*, and an associate editor of *ACM Transactions on Graphics*. Within the Association, Frits has been a member of the Executive Committee since 1991 and Vice Chairman since 1995.He has done sterling work for the Association in these capacities.

Frits was proposed for Fellowship of the Association in recognition of:

1. his personal contribution to the development of scientific visualization in Europe;
2. the contribution he has made to Eurographics through his role as Vice Chairman;
3. the contribution he has made to the fostering of relations between Eurographics and the IEEE Computer Society Committee on Computer Graphics, in particular as witnessed by the joint Eurographics/IEEE Symposium on Scientific Visualization held in Vienna in May 1999.

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Eurographics

Twentieth Eurographics General Assembly

Milan, Italy, September 10th 1999

The Twentieth General Assembly of the EUROGRAPHICS Association was held at ISU Milan, Italy, on September 10th 1999, at 12.30. The Vice Chairman, P. Brunet welcomed the 40 members present and introduced the agenda. The Chairman, Dieter Fellner, conveyed his apologies to the meeting, he had been unavoidably summonsed to a meeting in Luxemburg. The Vice Chairman noted that finance papers for the meeting had been made available to members in advance through the Association's web site: http://www.eg.org.

1. Minutes of the Nineteenth General Assembly

The Minutes of the Nineteenth General Assembly, published in *Computer Graphics Forum*, Vol. 17, No. 4, pp. 309–315 (1998), were approved *nem con*.

2. Matters Arising

There were no matters arising.

3. Chairman's Report

The Vice Chairman gave an annual report of the activities of the Association. The slides used in the presentation will be made available at the EUROGRAPHICS web site http://www.eg.org.

3.1. Workshops

There are currently 11 Working Groups in the Association; all are actively organizing workshops and other activities. Workshops have been held during 1999 on Design Specification and Verification of Interactive Systems, Rendering, Visualization (jointly with IEEE), Implicit Surfaces, Multimedia, Virtual Environments, Hardware (jointly with Siggraph), Animation and Simulation and Graphics and Visualization Education. The draft workshop programme for 2000 currently includes visualization (VisSim 2000), Virtual Environments, Rendering, Hardware and Parallel Graphics.

3.2. Publications

The Publications Board has responsibility for the Association's journal, *Computer Graphics Forum* and for other types of publications. There has been a delay in producing the CD-ROM of volume 17, but copies are now available and were given to members entitled to them at the conference. Members not present at the conference will be receiving copies by mail shortly after the conference.

The EG Digital Library is now fully operational and all members are encouraged to explore and make use of the Digital Library. Any members unable to remember their usernames/passwords are asked to contact the secretary (secretary@eg.org).

Hans-Peter Seidel is retiring as Chief Editor of *Computer Graphics Forum* at the end of this year and will be replaced by David Duke (University of York, UK).

The Publication's Board also look after other publications of the Association. Six Springer books are scheduled for publication in 1999, four of which had already appeared by the time of the conference. A full catalogue of all publications is available at the web site (http://www.eg.org).

3.3. Operations Board

The Operations Board is responsible for the day-to-day operation of the Association.

Membership has fallen slightly since 1 July 1998. Actions are being taken to recover the situation. The web site has now moved to Braunschweig. Special thanks were extended to the University of Manchester, Terry Hewitt, Helen Morphet and their colleagues for hosting and supporting the site until now. The operations database has also been moved to Braunschweig.

Members were reminded of the importance of signing and returning the form sent to them with a recent Chairman's Letter. The form seeks the

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consent of members to hold membership information on the database. Under German Data Protection Law, such information cannot be held without the permission of the individual concerned. A similar declaration will be included with future renewal notices and is included on the form used for membership renewals at the conference. Members were encouraged to renew their subscriptions during the annual conference. This saves costs for the member and the Association and members so-doing are entitled to a free gift (from a set of publications).

3.4. Online Board

The Online Board provides online services to the EUROGRAPHICS membership and other Boards.

The Digital Library provides additional material over that included in a paper or library subscription to *Computer Graphics Forum* including multimedia attachments to papers and reports, and conference materials such as State of the Art Reports and tutorial notes. Papers accepted for publication in the journal are made available through the Digital Library as soon as accepted. There is also a full text search facility across the entire library.

A new *Job Centre* opened during EUROGRAPHICS '99. Ivan Herman described the key features. Organisations may offer positions and individual job-seekers may post CVs. Entries are retained for 3 months. Entries are filtered by a human and any suspicious submissions will be rejected. The service is free to all – members and non-members alike. Members of the Association are given 2 week's lead time over non-members. This applies to both advertisers and job-seekers. Individual job seekers can ask to receive automatic notification of vacancies in areas of interest. This can be done by setting appropriate parameters in the membership record entry. The Job Centre is available through the EUROGRAPHICS web site.

Thanks were expressed to Ivan Herman and his colleagues for their work in establishing the new online services.

3.5. Professional Board

The main item highlighted was the renewal of the agreement between EUROGRAPHICS and Siggraph for a further 3 years.

3.6. Promotions Board

The Board organized the EUROGRAPHICS stand at Siggraph '99 which was very successful. The stand was located in the lobby area adjacent to the Siggraph and ACM stands, rather than in the exhibition area as in the past. The new location proved to be extremely satisfactory.

The Vice Chairman emphasized that more volunteers are needed to support promotional activities.

3.7. New Services

Two new services have been introduced: the Job Centre and Educational Membership. The Job Centre was described earlier in the Online Board report. *Educational Membership* is a new scheme aimed at educational organizations and will provide access to a subset of the Digital Library and to the Job Centre, on a domain restricted basis. Access will thus be available to educators and students alike within a particular domain. A detailed description of the scheme and application form were distributed to all conference participants. Details are also available at the web site.

3.8. New Fellows of the Association

Professor F.R.A. Hopgood has been appointed Chairman of the Fellows and Professor J.L. Encarnação has been appointed Vice Chairman.

A meeting of the Fellows was held during EUROGRAPHICS '99. The Fellows proposed that Ken Brodlie (UK), Sabine Coquillart (France) and Frits Post (Netherlands) be elected to Fellowships. The proposals were subsequently endorsed by the Executive Committee and the three were duly elected.

3.9. The Future

The Chairman highlighted a number of factors that are important for the future of the Association.

- Increase membership
- Increased use of networking
- Electronic services for members
- More Electronic Publishing
- Increase volunteer effort

Members were asked to take a number of actions to address these factors.

- All existing members should recruit at least one new member. Membership application forms are

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on the web site; other promotional materials are available from the secretary.
- Volunteer a colleague (all offers of help should be sent to the Chairman, chair@eg.org).
- Keep your membership record (address, email address, etc.) up-to-date. This can be done by logging in to the web site http://www.eg.org. Members who have forgotten their username/password combination should contact the secretary (secretary@eg.org).

Finally the Chairman stressed that the work of the Association is done by many people, to all of whom he expressed his thanks and appreciation.

4. Presentation of Accounts

The past Treasurer, David Duce, presented the financial reports for 1998. The General Assembly was presented with audited accounts for the twelve month period 1 January to 31 December 1998. A budget for the calendar year 2000 was presented later in the meeting. Written reports from the past Treasurer and the Auditor were distributed in advance of the meeting through the web site and on paper to the General Assembly.

4.1. Internal Accounts

Table 1 reports income and expenditure on the membership account and compares this with the budget for the period, which was agreed by the General Assembly in August 1997. The actual membership income shown is the total amount received for 1998 subscriptions which includes 203,920 Sfr paid during 1997 and excludes 110,168 Sfr for 1999 membership renewal paid in 1998.

Notes

1. The conference surplus line does not include income from EUROGRAPHICS '98. By agreement with the organizers, the 33.3K Sfr surplus owing to EUROGRAPHICS was transferred in February 1999. Joaquim Jorge and his colleagues were congratulated on an excellent result.
2. The bookshop line includes income from EG98 for conference proceedings (14.85 K Sfr).
3. Because of the production difficulties with *Computer Graphics Forum*, only invoices for issues 1, 2 and 3 were paid in 1998 and a provision was made for the remaining invoice.

For the Repayment Conference Accounts, no expenditure has been incurred for EUROGRAPHICS '99. For EUROGRAPHICS '98 a total expenditure of 16,519.48 Sfr was incurred and has been reimbursed in full.

Income	Actual	Budget	Difference
Membership fees	97,017.78	100,000	-2,982
Conf. surplus	21,622.31	10,000	11,622
Royalties	6,015.64	6,000	16
Bookshop	40,820.75	32,000	8,821
Bank interest	6,345.45	3,000	3,346
	171,821.93	151,000	20,822
Expenditure			
Executive Board	8,920.96	6,000	2,921
Prof. Board	139.80	1,000	–860
Chapters	3,103.23	3,000	103
Workshop Board	742.16	5,000	–4,258
Ops – Secretary	27,604.20	43,000	–15,396
Ops – Treasurer	12,352.50	12,000	352
Ops – Taxation	4,614.55	4,000	–615
Promotions Brd	7,109.55	10,000	–2,891
New activites – Educn.	0.00	2,000	–2,000
Publicns Brd			
– CGF	59,352.30	42,000	17,352
– Travel	1,143.81	2,000	–865
Bookshop	30,367.00	29,000	1,367
Contingency		5,000	–5,000
	155,450.06	164,000	–8,550
Surplus/Deficit	16,371.87	–13,000	29,372

Table 1: *Internal Accounts 1998*

4.2. Audited Accounts

The Auditor's Report is reproduced at the end of these minutes. The Profit and Loss Account for 1998 is shown in table 2 and the Balance Sheet in table 3.

In the audited accounts, the EG '98 account stands at 0 Sfr.

For information, table 4 summarises the capital and results reported in the audited accounts over recent years.

Funds have been shifted from short term deposit accounts to other bank accounts, in order to obtain better terms as a result of interest rate changes in Switzerland.

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	1998	1997
Income	Sfr.	Sfr.
Subscription	96,997.59	87,681.12
Repayment on book sales	40,820.84	60,880.86
Bank interest	2,850.77	1,138.13
Short term deposit interests	1,427.75	2,132.45
Conference surplus	21,622.31	39,894.62
Royalties et al.	6,037.91	6,211.19
Exchange diff.	0.00	183.67
	169,757.17	198,122.04
Expenditure		
Executive Board	8,920.96	4,804.26
Workshop Board	742.16	0.00
Chapters	2,343.23	5,063.16
Secretariat	27.604.20	39,685.10
Treasurer	16,552.65	13,908.51
Promotion Board	7,109.55	6,095.22
Bkshp. and Publn. Brd.	90,863.11	111,415.62
Professional Board	139.80	0.00
Conference loss	0.00	71.77
Exchange difference	1,224.16	0.00
	155,499.82	181,044.64
Result		
(Loss) profit for period	14,257.35	17,077.40

Table 2: *Profit and Loss Account* (*January 1 to 31 December 1998*) (*with comparative figures for 1997*)

	1998	1997
Assets	Sfr.	Sfr.
Cash	15.31	45.94
Bank	402,331.33	205,552.07
Short term deposit	0.00	200,000.00
Federal withholding tax	1,487.40	1,130.15
Deposit	719.00	709.40
EG '98 account	0.00	17.50
	404,533.04	407,455.06
Liabilities		
Accounts payable	29,733.59	46,892.96
Fortune	374,819.45	360,562.10
	404,553.04	407,455.06

Table 3: *Balance Sheet as at December 31st, 1998* (*with comparative figures for 1997*)

The Auditor's Report was presented to the General Assembly.

Professor Willis proposed that the audited accounts be approved, seconded by Professor Cunningham. The motion was carried, *nem con*.

4.3. Forecast for 1999

The Treasurer, Werner Hansmann, presented the financial situation to June 1999. A surplus of 21K Sfr is estimated at the end of 1999. Royalties are now received from *Computer Graphics Forum*. As noted earlier, 33.3K Sfr income has been received from EUROGRAPHICS '98. Paper copies of tutorial notes are not selling well and the decision has been made to focus on electronic publication of these materials. Significant bookshop income has been generated by the EUROGRAPHICS stand at Siggraph 99. The Secretariat is staying well within budget and costs here are decreasing. The Promotions Board will be incurring expenditure from the Siggraph 99 stand. Expenditure on the Publications Board depends on the Swiss Franc/ Pound Sterling exchange rate *Computer Graphics Forum* is the major item in the Publications Board budget).

5. Appointment of Auditors

Professor Bergeron proposed that Antoine Richard SA be appointed auditors for the financial year commencing 1 January 2000. Professor Purgathofer seconded. The motion was carried *nem con*.

6. Executive Committee Elections

6.1. Results of the 1999 Elections

The Vice Chairman reported the results of the 1999 elections (see table 5). 137 ballot forms

	1995	1996	1997	1998
Capital at year end	349,710.26	343,484.70	360,562.10	374,819.45
Surplus/(Loss)	15,498.11	(6,225.56)	17,077.40	14,257.35

Table 4: *Capital Assets 1995–1998*

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Candidate	Region	Votes	
Cohen-Or	8	54	
Cunningham	8	79	Elected region 8
Dæhlen	4	68	Elected
Duke	1	42	
Ertl	2	57	
Fellner	2	89	Elected
Hansmann	2	63	Elected
Jorge	6	60	
Peroche	5	50	
Skala	7	64	Elected
Vandoni	5	90	Elected
Willis	1	84	Elected

Table 5: *Election Results*

were returned. There was a regional vacancy in region 8.

The Chairman congratulated those who had been elected and thanked those who were not elected for their support of the Association. Those elected commence their three year terms of office on 1st January 2000.

The composition of the Executive Committee for 2000 will be:

Until 31 December 2000. Bergeron (8), Brunet (6), Duce (1), Herman (3), Post (3), Purgathofer (7), Sillion (5).

Until 31 December 2001. Arnold (1), Coquillart (5), Hewitt (1), Mäntylä (4), Müller (2), Seidel (2), Teixeira (6).

Until 31 December 2002. Cunningham (8), Dæhlen (4), Fellner (2), Hansmann (2), Skala (7), Vandoni (5), Willis (1).

The numbers in brackets after each name indicate the region to which the member belongs. There will be one regional vacancy in each of regions 3, 6 and 8 in the 2000 elections. The composition of the electoral regions is:

1. United Kingdom, Ireland.
2. Germany.
3. Netherlands, Belgium, Luxembourg, Liechtenstein.
4. Norway, Sweden, Denmark, Finland, Estonia, Latvia, Lithuania, Iceland.
5. Italy, Switzerland, France, Monaco, Malta.
6. Spain, Portugal, Andorra.
7. Rest of Europe.
8. Rest of the World (non-European).

6.2. Appointment of Nominating Committee

The General Assembly appoints two members to a Nominating Committee whose function is to nominate candidates for the Executive Committee elections. The Executive Committee has appointed P.R. Bono and W. Hansmann.

X. Pueyo and M.M. de Ruiter were elected to represent the General Assembly.

7. Budget and Forward Look

The Treasurer, Werner Hansmann, presented the budget for 2000 and forward look until 2004, shown in table 6. Figures are K Sfr. He explained that the forward look beyond 2001 was provisional. It has been assumed that the membership profile and fee structure is flat over the period of the forward look. The budget assumes 530 individual members, currently the membership is below this level. It is assumed that 32% of members will take the electronic access only option for the journal, 53% paper only and

	00	01	02	03	04
Income					
Member fees	93	93	93	93	93
Royalties	6	5	4	4	4
Conf. and Wkshop surplus	26	27	27	28	28
B'shop and Procs.	32	32	33	33	33
Interest	3	3	3	3	3
	160	160	160	161	161
Expenditure					
Exec. Brd.	7	8	8	9	9
Prof. Brd.	1	1	1	1	2
W'shps Brd.	5	5	6	6	6
Chapters	3	3	3	3	3
Operations					
Secretary	30	32	33	35	36
Treasurer	14	14	15	16	16
Taxation	4	4	4	4	4
Promotions	11	11	12	12	13
New activities					
– Education	2	2	2	2	2
Publications	49	52	55	58	61
B'shop and Procs.	32	33	33	34	34
Contingency	5	5	5	5	5
	163	170	177	185	190
Surplus/(Deficit)	–3	–10	–17	–24	–29

Table 6: *Budget for 2000 and Forward Look*

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15% the combined option of paper and electronic access. These percentages represent the current uptake of the three options.

The full text of the budget and forward look paper is available at the web site.

Acceptance of the budget for 1999 as presented was proposed by Dr Bono and seconded by Dr Herman. The proposal was carried *nem con*.

8. Executive Board 2000

The Vice Chairman announced the composition of the Executive Board for 2000 (see table 7).

Chairman	D. Fellner
Vice-Chairs	F. Post
	P. Brunet
Secretary	C.E. Vandoni
Treasurer	W. Hansmann
Asst. Treasurer	W. Felger
Executive Board	D. Fellner
Operations Board	C.E. Vandoni
Workshops Board	H. Müller
Publication Board	W. Purgathofer
Promotions Board	D.B. Arnold
	S. Cunningham
	V. Skala
Professional Board	P.J. Willis
Strategic issues	D.A. Duce

Table 7: *Executive Board 2000*

9. Date of Next Meeting

The next meeting will be held during EUROGRAPHICS '2000 in Interlaken, Switzerland on Thursday 24 August 2000.

It was noted that the annual event in 2001 will take place in September, in Manchester, UK.

10. Any Other Business

1. Dr Bono asked for help in getting conference delegates to visit the EUROGRAPHICS stand and also for help in running the stand. He stressed the importance of increasing the membership of the Association. More arguments are needed that EUROGRAPHICS is making a difference and sustaining the profession of computer graphics. Individuals need to join the Association and to stand up for the profession, through activity in the Association. Members were encouraged to take this message to their colleagues and take personal responsibility for recruiting new members to the Association and the profession, to ensure the growth of both.
2. The Vice Chairman noted that three very long serving members of the Association are retiring from the Executive Committee at the end of the year, José Encarnação, Peter Bono and Paul ten Hagen. He thanked them warmly for the contributions they have made to the Association through service on the Executive Committee.

There was no further business and the meeting closed at 13.35.

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Antoine Richard

Membre de la Chambre fiduciaire

REPORT OF THE STATUTORY AUDITORS

TO THE GENERAL MEETING OF THE MEMBERS OF

EUROGRAPHICS ASSOCIATION

GENEVA

As statutory auditors, we have audited the accounting records and the financial statements (balance sheet, statement of income and expenses and annex) of **EUROGRAPHICS ASSOCIATION, Geneva** for the year ended December 31 st, 1998.

These financial statements are the responsibility of the committee. Our responsibility is to express an opinion on these financial statements based on our audit. We confirm that we meet the legal requirements concerning professional qualification and independence.

Our audit was conducted in accordance with auditing standards promulgated by the profession, which require that an audit be planned and performed to obtain reasonable assurance about whether the financial statements are free from material misstatement. We have examined on a test basis evidence supporting the amounts and disclosures in the financial statements. We have also assessed the accounting principles used, significant estimates made and the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the accounting records and financial statements comply with the law and the company's articles of incorporation.

We recommend that the financial statements submitted to you be approved.

Geneva, July 26, 1999

Antoine RICHARD

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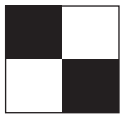

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```
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